Product Express

(2013-2014)

Automotive Service Tool & Equipment

Good Tool Good Price Good Service

Evening Star

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LAUNCH

Diagnostic Scan Tool	X-431Master, GX3	9.562,50

Introduction

X-431 Master/GX3 is a new automotive diagnostic product and designed by LAUNCH with the technology of "Open Control Platform for Vehicle" representing the highest level of automotive diagnostic technology in the world. It has the function of read DTCs, read datastream, activation test, sensor waveform display and ECU coding.

Feature

- Inherited with all diagnosis function of X-431
- Faster communication with cars than X-431 by integrated structure to save time in work
- All inclusive software coverage – European, American and Asian
- Advanced 24V operation capability is compatible with 12V or 24V vehicles
- Test most of cars by unique & integrated 16 PIN connector
- Easier and more convenient to operate than X-431 based on the smart design
- Upgrade software to keep up with latest models
- Multi-languange available

Specification

Operating System	Linux
Memery	16M
CF Card	512M
Main Unit I/O	Universal serial port/parallel port
Power Supply	DC 12V/24V
Power	9W
Screen	240x320 LCD touch screen with back ground light
Printer	Mini high speed thermal printer
Ambient	-15° ~ 50°
Relative Humidity	< 90°

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Diagnostic Scan Tool | X431 Solo

5.850,-

Feature

X-431 Solo is a newly developed diagnostic equipment by launch,which is not only a specialized diagnostic equipment, but also a universal diagnostic equipment. As inherited all the advantages from its cousin X-431 Diagun,X-431 Solo has the powerful diagnostic capabilities abundance of diagnostic software and stable test performance, etc. Besides, the integrated design of main unit and universal-16pin standard connector makes it become humanized, light and portable.

- Integrated design of main unit and universal-16pin standard connector
- Users can select individual software accordingly
- Universal 16 PIN connector, combined functions of all 16 PIN connectors
- Covering a wide range of vehicle models
- Fast upgrading via the Internet to keep up with the latest vehicle models
- Perfect after-sale service system, customer can enjoy one-on-one considerate service all the life

Specification

- CUP: 400MHz ARM9
- Operating system;Win CE 5.0
- 4.3 inch high-brightness, high-resolution color LCD touch screen
- Power supply;DC12V/ DC24V
- 1G memory card

Top Sell

Connector list

1. Toyota--17 2. Toyota--22 3. mitsubishi/hyunbai 12+16
4. nissan 14+16 5. Honda-3 6. mazda-17 7. kia-20
8. Benz-38 9. Bmw-20 10. gm/vaz-12 11. ford6+1
12. Chrysler6 13. universal 3 14. fiat 3
15. audi 4 16. daewoo 12
17. ssangyong14 18. subaru 9
19. benz 14 20. Ssangyong20
21. diagun box connect cable
22. lighter cable 23. clipper cable

AUTO SERVICE TOOL AND EQUIPMENT

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LAUNCH

Diagnostic Scan Tool — Diagun III

8.100,-

NEW

Introduction

X-431Diagun III is a new professional vehicle diagnostic tool designed and developed by LAUNCH for repair technicians. It's smart, easy to carry, fully functional and convenient to use, and it's the standard equipment for garage technicians.

X-431Diagun III + Launch DBScar diagnostic adaptor integrated design, supports wired and Bluetooth wireless diagnosis. Color and touch inductive screen, easy operation.

Specification

CPU	400 MHZ ARM 9
Colour touch screen	480 x 272, 4.3"
TF card	1 G
Upgrading/Printer interface	USB
Wireless communication module	Blue tooth
USB	Standard USB 2.0 port
Working voltage of diagnostic adaptor	DC 12V (DC 24V not yet supported)

Feature

- Powerful diagnostic functions
- Wireless diagnosis
- Fashionable and Integrated design
- Better battery system design
- Easy for comparison and analysis
- Two DataStream waveforms displayed in one screen

Diagnostic Scan Tool — DBScar-CA

Introduction

DBScar-CA is a high-tech automotive fault diagnostic terminal to work with Android smart phones. By connecting it via Bluetooth to smart phones, it can perform basic diagnosis on vehicle OBD system, and it can also realize basic diagnostic functions of entire vehicle system including reading DTCs, clearing DTCs and reading data stream. Combined with many advantages of the smart phones, more application services about vehicle data can be achieved.

Feature

- Read DTCs of vehicle entire system
- Clear vehicle DTCs
- Read data stream of vehicle entire system
- Real-time diagnosis via Bluetooth of cell phones
- Data instrument, fuel consumption analysis
- Launch clouds accounting

NEW

Specification

Connection	Standard OBD2 interface; Micro USB 2.0
Typical power consumption	(12V), quiescent current as 25mA, average working current for the whole unit as 45mA;
Working temperature	−20℃~55℃
Storage temperature	−30℃~70℃
Dimension	L*W*H=48mm*24mm*32mm
Weight	26g
Working voltage	vehicle battery DC input 9V-15V

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Diagnostic Scan Tool	X431 IV

8.550,-

NEW

Introduction

X-431 IV is an classic、economical、simple、steady vehicle diagnostic tool newly released by Launch. It follows the open platform of X431 series, also it inherits many advantages of X431 including a wide coverage of vehicle models, powerful testing functions and accurate test data. At the same time,the unique rotatable diagnostic connector design is convenient for use's operating.It's a cost-effective diagnostic product on the market.
List Price:Negotiable

Feature

- Diagnostic functions: trouble diagnosis of automotive ECU's; (Features including: read trouble code, clear trouble code, read data stream and special features), the diagnostic software completely consistent with that of X431, fully inherited the advantages of X431 including wide coverage of vehicle models and high precision test;
- PDA functions: (handwriting with stylus, personal data management, English-Chinese dictionary, etc.);
- Optional functions: creation of repair files and access to maintenance data);
- Mini printer (can be used with X431PCCENTER to connect to the computer for storage of vehicle test data

Specification

Operation System	LINUX operating platform
Memory	16 M
CF card	1 G
Host power supply	DC 12V
Host power	about 9W
Printer	Mini high-speed thermal printer
Display	large 240 × 320 touch inductive LCD screen, with backlight
Ambient temperature	-10℃-55 ℃
Relative Humidity	<90%
Product Dimension	198mm × 316mm × 55.5mm

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Wheel Alignment	CCD-100	27.000,- + 5.850,-

Feature

- 8 beam CCD loop measurement system with accuracy at 0.01°
- ZigBee data transfer, wide range, more reliable and fast
- On probe LED display: Toe, Camber, battery level and electronic horizon level
- On probe LED real time display of Toe and Camber greatly saving the time for wheel adjustment
- On probe control penal: can process to next measurement step with click.
- Inside probe built in 8 high quality inclination angle sensors ensure the measurement accuracy
- International proven alignment software
- 3D animation for Caster, Toe adjustment support
- Run out compensation support
- Front wheel alignment function
- Adding weight measurement enabled for special vehicles
- Over 20,000 vehicle wheel specification built in the software and updatable, operator free adding specification function enabled for local vehicle.

Software Interface

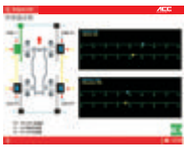
Caster Swing

R.O.C.

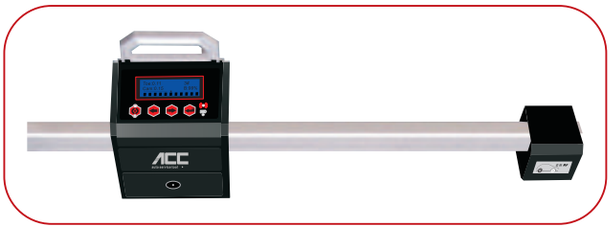
Front Axle

Rear Axle

Enlarge Data

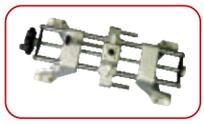

Sensors Diagnosis

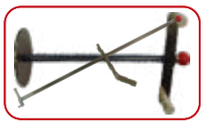
Accuracy & Reliable



Tuntables(optional)

Calibration Equipment (Optional)


Wheel Clamps


Brake Pedal Depressor
Steering Wheel Holder

Specification

Item	Range	Accuracy
Individual toe	±10°	±1’
Total toe	±20°	±2’
Camber	±10°	±1’
Caster	±20°	±4’
SAI	±20°	±4’
Include angle	±30°	±4’
Thrust angle	±2°	±2’
Setback	±2°	±2’
Wheelbase difference(angle)	±2°	±2’
Track width difference(angle)	±2°	±2’

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Wheel Alignment | 3D-1000 | 45.000,-

Height adjustable Column

3D wheel aligner is stable, accurate, low cost, and easy-to-maintain 2 camera wheel alignment system. specially designed for clients who need to expand business with high performance equipment. this product has outstanding & unique feature and the most advanced technology to ensure the growth.

- Dual camera system (imported from Japan)
- Dual-core CPU computer system
- Waterproof targets
- 24 inch clamp
- Calibration free
- Up to 1200mm lifting range
- Auto lift platform compensation
- Auto vehicle compensation
- Super-large vehicle database

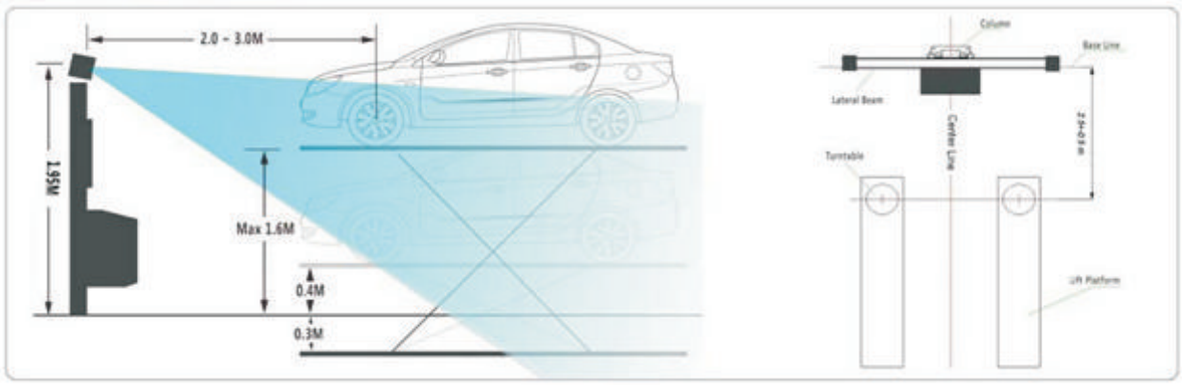
Specification

Item	Precision	Range
Front Total Toe-in	±0.02°	±20°
Camber	±0.01°	±20°
Caster	±0.02°	±20°
SAI/KPI	±0.02°	±20°
Setback	±0.02°	±5°
Tread	±2mm	
Wheelbase	±2mm	

Note: The above accuracy can be confirmed only when the user follows the specified operation procedures as instructed in the user manual.

Feature

- Reinforced lateral beam
- 5.0M pixel japan imported cameras
- Waterproof targets
- 1.2 Meter measure height range
- Vehicle position auto adjustment
- Push vehicle compensation
- Super-large vehicle database
- Install-and-work! Do NOT need calibration.



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LAUNCH

Wheel Alignment	CCD-200	38.925,- + 5.850,-

Feature

- 8 beam CCD loop measurement system with accuracy at 0.01°
- Zigbee data transfer,wide rang,more reliable and fast
- On probe LED display: Toe, Camber, battery level and electronic horizon level
- On probe LED real time display of Toe and Camber greatly saving the time for wheel adjustment
- On probe control penal: can process to next measurement step with click.
- Inside probe built in 8 high quality inclination angle sensors ensure the measurement accuracy
- International proven alignment software
- 3D animation for Caster, Toe adjustment support
- Run out compensation support
- Front wheel alignment function
- Adding weight measurement enabled for special vehicles
- Over 20,000 vehicle wheel specification built in the software and updatable, operator free adding specification function enabled for local vehicle.

Specification

Item	Range	Accuracy
Individual toe	±10°	±2'
Total toe	±20°	±4'
Camber	±10°	±2'
Caster	±20°	±4'
SAI	±20°	±4'
Include angle	±30°	±4'
Thrust angle	±2°	±2'
Setback	±2°	±2'
Wheelbase difference(angle)	±2°	±2'
Track width difference(angle)	±2°	±2'

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Wheel Alignment Lift | 440, 440W

440 - 15.750,-
440W - 18.750,-

turn table, jack beam
only for 440W

Feature

- Design based on the international standards
- Driven by hydraulic cylinder for stable lifting and lowering
- Air safety lock release
- Manual lowering, safe and simple to use
- Built-in hydraulic over load feature
- Rust proof grills with curved grill supports

Specification

Model	440W	440
Cpacity	4000kg	4000kg
Lifting height	1850mm	1850mm
Lifting time	60sec	60sec
Lowering time	20-40sec	20-40sec
Power supply	220v/380v/50hz	220v/380v/50hz
Motor power	2.2kw	2.2kw
Width between columns	3000mm	3000mm
Overall width	3446mm	3446mm
Overall height	2310mm	2310mm

Remark: model 440 not include turn table, Jack beam, side slip

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2 Post Floor Plate Lift	235 SB	10.800,-

Safety & Reliable

Feature

- The cable and oil pipe are fully concealed with decent and elegant appearance.
- Designed based on the international standard, meeting the demand of the garage and workshop.
- Dual hydraulic cylinders drive stable lifting and lowering.
- Automatic full-scope safety lock, safe and simple in operation.
- Adopt two steel cables for equalization, force two carriages to move synchronously, and effectively prevent the vehicle from tilting.
- Lowest height of lifting pad is 110mm.

Specification

MODEL	235 SB	Power supply	220V/380V/50hz
Capacity	3.5 ton(7875lbs)	Motor power	2.2kw
Lifting height	1900(76.8inch)	Passing with	2486mm(97.8inch)
Lifting time	50sec	Overall width	3370mm(132.7inch)
Lowering time	40sec	Overall height	2780mm(109.4inch)

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2 Post Clear Floor Lift	235 SC

14.000,-

Safety & Reliable

Feature

- The cable and oil pipe are fully concealed with decent and elegant appearance.
- Designed based on the international standard, meeting the demand of the garage and workshop.
- Top limit switch effectively protecting the vehicle from overhead collision.
- Dual hydraulic cylinders drive, stable lifting and lowering.
- Automatic full-scope safety lock, safe and simple in operation.
- Adopt two steel cables for equalization, force two carriages to move synchronously, and effectively prevent the vehicle from tilting.
- Lowest height of lifting pad is 110mm.

Specification

MODEL	235 SC	Power supply	220V/380V/50hz
Capacity	3.5 ton(7875lbs)	Motor power	2.2kw
Lifting height	1900(76.8inch)	Passing with	2486mm(97.8inch)
Lifting time	50sec	Overall width	3420mm(132.7inch)
Lowering time	40sec	Overall height	3840mm(109.4inch)

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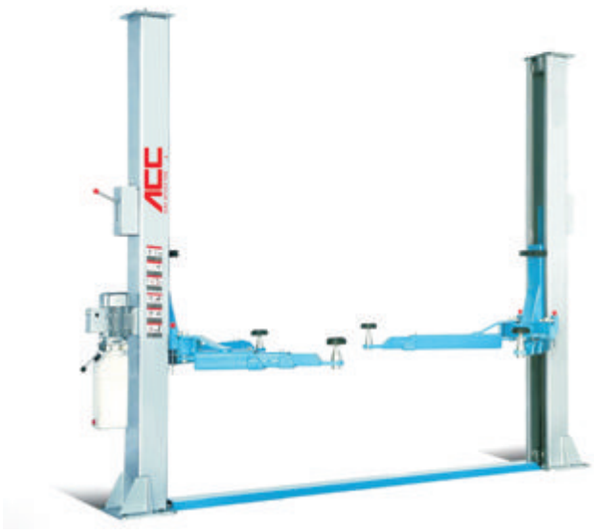
2 Post Floor Plate Lift	240SB/S

15.750,-

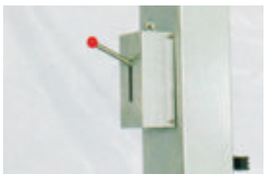


4 Ton
Single Release

Feature

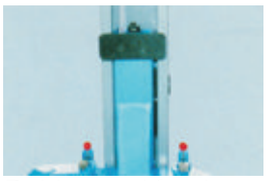
- Floor plate design is ideal choice for low ceiling shop
- By two cylinder, plate and wire rope chain balance system, lifting off and landing smooth.
- Hydraulic power unit configuration throttling device, can always adjust the rate of decline.
- Asymmetric column allows wider drive through clearance.
- Manual unlock from one sides, more convenient to use.
- Take three arm designed, a larger adjustment range, for different vehicle chassis.
- Rubber pad door-opening protection.
- Screw type up adjustment adapter.
- Truck adapters optional.
- Standard guard rail Toe protection.
- Has adopted115% dynamic and 150% static loading tested.

3 Stage telescopic arm



Single release

Toe protection



Robber pad for door protection

Specification

Lifting Capacity	4000kg
Max.Lifting Height	1900mm
Minimum Height	110mm
Lifting Time	40s-50s
Overall Height	2830mm
Overall Width	3420mm
Width Between Columns	2820mm
Motor Power	2.2kw
power supply	220v/380v

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2 Post Floor Clear Lift	240SC/S

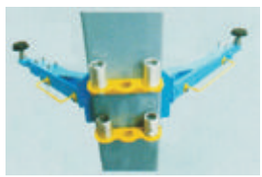
16.875,-

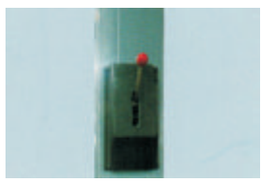
4 Ton
Single Release

Feature

- Electrical release at the control position
- Heavy duty lifting arm and sliding table
- Aluminum shell motor prevent overheated
- Operation control system with 24v safety voltage
- 24v height limit switch provided
- Toe and feet protection device provided
- Adjustable picking up plate provided
- Hydraulic pressure pre-setting preventing from lifting vehicle with exceeding rated loads
- Routine testing with 115% dynamic and 150 static loading
- Standard guard rail Toe protection.

Beam Arm


Height extension (Option)


Single release

Chain free carriage
3 stage telescopic arm

Specification

Lifting Capacity	4000kg
Max.Lifting Height	1900mm
Minimum Height	90mm
Lifting Time	55-60s
Overall Height	3780mm
Overall Width	3982mm
Width Between Columns	2820mm
Motor Power	3.0kw
power supply	110V/60Hz-1Ph or 220V/60Hz-3Ph

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Wheel Balancer CB 953B

6.950,-

Accuracy & Reliable

Feature

- Balancing Mode: Dynamic, Static, Multi-Alu and motorcycle balancing.
- Operator can set up frequently use procedure for efficiency.
- Safety hood work as START and STOP while balancing.
- Simple and easy self calibration can quickly regaining balancing accuracy.

Specification

Max Wheel Weight	70kg
Motor power	0.25kw
Balancing Accuracy	1g
Balancing Speed	200rpm
Rim Dlameter	20”-24”
Max Wheel diameter	39”
Net Weight	125kg
Gross Weight	165kg
Packing with Plywood	1600×710×1160

Wheel Balancer CB 958B

9.575,-

Feature

- Balancing Mode: Dynamic, Static, Multi Alu and motorcycle balancing.
- Operator can set up frequently use procedure for efficiency.
- Safety hood work as START and STOP while balancing.
- Simple and easy self calibration can quickly regaining balancing accuracy.
- Auto Data input by simply spinning the wleel manually. (optional)
- Unbalance optimization and hidden weight function available.
- Weight placing marking function allows to detect unbalancing spot from inside and outside of rim.
- Auto Data Input gauge compatible with 10"-26" and 26" to 30" wheel.
- Auto Speed Reduction when heavy duty wheel balancing can eliminate noise and ensure stability.
- Foldable super thin display installed.

Specification

Max Wheel Weight	75kg	Rim Width	1.5”-20”
Motor power	0.25kw	Max Wheel diameter	47
Balancing Accuracy	1g	Net Weight	139kg
Balancing Speed Normal	200rpm	Gross Weight	180kg
Balancing Speed Efficient	140rpm	Packing with Plywood	1120×710×1180
Rim Diameter	10”-30”		

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Tyre Changer	800 IT

8.775,-

800IT rim clamping and bead breaking can assure the alloy wheel are undamaged. the swing arm and adjustable tool head design combined with a large 1-1/2 HP motor for superior performance.

Feature

- 23" Internal Wheel Clamping, this powerful tyre changer handles the large customer tyre and wheel assemblies. No clumsy adapters or any tabletop adjustment needed. All from simple standard steel wheel to large alloy wheel.
- Hi-Torque Electric Turntable works at controlled speed for easy tyre removal and installation. Reversible direction gives operator the ability to " back up" in the event of "Jam ups". Precise speed give low profile and run-flat beads time to relax for less risk tyre damage.
- Powerful "Jet-Blast" bead sealer.
- Can be equipped with motorcycle adaptor.

Specification

Motor Power	0.75/1.1kw
Air Requirement	8 - 10 bar
Internal Rim Clamping Capacity	12"-23"
External Rim Clamping Capacity	10"-20"
Tyre Width Capacity / table	3"-12"
Max Tyre Diameter	37"
Net Weight	217kg
Gross Weight	270kg
Packing with Plywood	1060x960x950

Powerful & Reliable

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Tyre Changer	885 IT

10.500,-

Adopts fast trouble free way to service high performance alloy wheel. redudce fatigue and allow operator work more efficiently. Rim clamping and bead breaking can assure the alloy wheel are undamaged. the swing arm and adjustable tool head design combined with a large 1-1/2 HP motor for superior performance. Equipped with powerful “jet-blast” inflation system and a generous 8 gallon surge tank.

Feature

- 23" Internal Wheel Clamping, this powerful tyre changer handles the large customer tyre and wheel assemblies. No clumsy adapters or any tabletop adjustment needed. All from simple standard steel wheel to large alloy wheel.
- Tilt Back Arm design provide greater clearance and access for removal and inflation.
- Hi-Torque Electric Turntable works at controlled speed for easy tyre removal and installation. Reversible direction gives operator the ability to “back up” in the event of “Jam ups”. Precise speed give low profile and run-flat beads time to relax for less risk tyre damage
- Powerful “Jet-Blast” bead sealer.
- Up-dateble for both left and right hand assistant arm.

Powerful & Reliable

Specification

Motor Power	0.75/1.1kw
Air Requirement	8 - 10 bar
Internal Rim Clamping Capacity	10”-23”
External Rim Clamping Capacity	10”-20”
Tyre Width Capacity / table	3”-15”
Max Tyre Diameter	39”
Net Weight	240kg
Gross Weight	285kg
Packing with Plywood	1360x910x980

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Tyre Changer	895IT + AL320

21.500,-

28” of internal clamping performance without the need for clumsy adapters or any tabletop adjustments. The fastest and most trouble-free way to service low-profiles, run flats and high-performance alloy wheels. This Model reduces fatigue and allows operator to work more efficiently. Perfect for high volume tire shops that service large, low-profile tires.

Feature

- Traveling Drop-Center Top Mount Helper, with this powerful pneumatic drop-center tool can dramatically reduce the work to change tough-sidewall tyre, and work more safer and efficiently. Holds run-flat, low-profile sidewall in the drop-center then follow the bead as the tyre mounted.
- 28" Internal Wheel Clamping, this powerful tyre changer handles the large customer tyre and wheel assemblies. No clumsy adapters or any tabletop adjustment needed. All from simple standard steel wheel to large alloy wheel.
- Tilt Back Arm design provide greater clearance and access for removal and inflation.
- Hi-Torque Electric Turntable works at controlled speed for easy tyre removal and installation. Reversible direction gives operator the ability to “back up” in the event of “Jam ups”. Precise speed give low profile and run-flat beads time to relax for less risk tyre damage.
- Powerful “Jet-Blast” bead sealer.

Model: 895IT+AL320

Powerful and Reliable

Specification

Motor Power	0.75/1.1kw
Air Requirement	8 - 10 bar
Internal Rim Clamping Capacity	15”-28”
External Rim Clamping Capacity	13”-24”
Tyre Width Capacity	3”-15”
Max Tyre Diameter	47”
Net Weight	417kg
Gross Weight	512kg
Packing with Plywood	1440x1140x1830

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Scissor Lift GC 3.0-S

Pris (kontakt os)

Feature

- Scissor concealing platform structure witch occupied small space.
- Device perform stable work is relayed on imported hydraulic, pneumatic and electrical components.
- The pneumatic wide-teeth self-locking insurance system and anti-explosion pipe equipment ensure the safety and reliability of the device.
- Easy for tyre of mount and dismount and chassis maintenance.
- The highest lift height with 2M in the same kind products and adjustable platform length is suitably for various types of automobile.

Specification

Model	GC-3.0S
Power Supply	380V/50HZ
Air Supply	6-8bar
Power	2.2kw
Lifting Capacity	3.0 ton
Platform length	1440,1540-1740mm
Max lifting height	330 - 2160 mm

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Tyre Changer	899IT

61.875,-

Feature

- Conic center chuck with the protective cover and cones of 5types, making the positioning of various rim very accuracy and the clamp is very fast.
- Helper with the double tire press disk, automatic rotate , with the scale positioning very accurate and optional equip the plastic tool head.
- With the tool box making the store of the tire accessory and tool very convenient.
- Standard equip the hand-hold blast inflation device make the effect of the inflection very best.
- With the SR905 wheel lift, lifting the tire of very big and very heavy easily.
- The chuck has 3 positions, by which you can select the suitable thickness of the tire.
- Camera can monitor the process of dismount/mount of the tire from the bottom.
- Dual speed function improve the working efficiency.
- The structure without the turntable, making the mount of the rim fast and without damaging the rim.
- The installation of the helper, making the mounting of the tire easily.
- Leveless structure make the operation easily.

Model: 899IT

Safety and Reliable

Specification

Max. wheel diameter	1200mm
Machine weight	584kg
Rim width	3”-15”
Power	0.8-1.2kw
Inside clamp Outside clamp	13"-28"
Rotation speed	7-13rpm

Ind samlet 52 sider A4.indd 19 02/09/13 07.10

Truck Tyre Changer	LC 588

46.500,-

Truck Tyre Changer

Truck Tyre Changer

Feature

- Suitable for truck, bus, tractor and other specialized machineries with electro-hydraulic power.
- Super-duty electric motor and hydraulic drive for the superior torque and wheel holding power.
- Self-centering hydraulic clamping chuck.
- Heavy, tapered roller bearings, and a dual direction hydraulic motor provide smooth torque.
- Quick positioning and locking mount/demount arm.
- Hydraulic sliding carriage for positioning, bead loosening, mounting and demounting procedures.
- Single piece frame for superior rigidity.
- Massive chuck spindle handles the heaviest loads.
- Simple design is easy to use.
- Very gentle on the over-the-road tires and tubeless mounted on aluminum wheels.

Specification

Motor power	Gearbox Motor	1.8kw 380v/3Ph 50Hz (2.2kw 220v-1Ph 50Hz)
	Hydraulic Pump Motor	1.1kw 380v-3Ph 50Hz (1.5kw 220v-1Ph 50Hz)
Bead-breaker Force		15mpa
Rim diameter		14” -26”
Max.wheel diameter		1500mm
Rim width		760mm
Rotating speed		7r/min
N.W		585kg
G.W		800kg

Ind samlet 52 sider A4.indd 20 02/09/13 07.10

Truck Wheel Balancer | CB 460

Truck Wheel Balancer

15.000,-

Feature

- Suitable for truck, bus, tractor and other specialized machineries with high precision and more dependable.
- Enlarged display monitor.
- Dual Switch function for Heavy-Duty industrial tyre and passenger car tyre.
- Unbalance value can be chosen by selecting 5g or 50g.
- 3 ALU functions and static balancing program
- Equipped with pedal brake can ensure accurate weight placing.
- Unit system selections: inch/millimeter, gram/ounce.

Specification	
Motor power	500w 380v-3ph 50Hz
Max. wheel weight	135kg
Rim diameter	10”-24”
Max.wheel diameter	1200mm
Rim width	1.5”-20”
Rotating speed	230r/min
Pneumatic suppl	0.5-.0.8 Mpa 5-8bar
N.W	220kg
G.W	270kg

Ind samlet 52 sider A4.indd 21 02/09/13 07.10

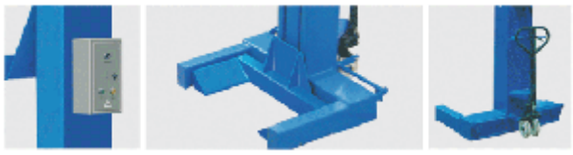
LAUNCH

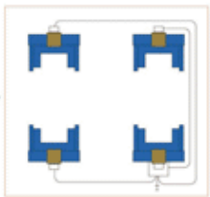
Combined Mobile Lift	CM20, CM30	11.250,-

Heavy Duty (upto 20, 30tons and more)
Easy
Movable

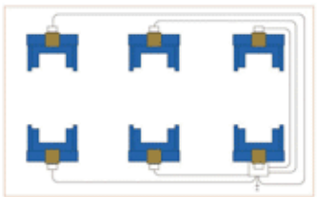
Feature

- Safety and reliability
- Designed to maximize workshop efficiency and space while providing the operator with safe and easy to use controls
- The screw lift technology has proven to be the most durable and easy to maintain in the market
- Each column is equipped with control system which can operate all posts or switch to operate that single column
- Each column is driven by a high tensile screw and nut which is backed by a none drive safety nut, in the case of failure the safety nut supports the weight on the column and all columns are shutdown.
- Mobile and flexible, the system can be used indoors or outdoors.
- Each column is sold with a secondary fixed stand to support the weight of the vehicle when lifted.

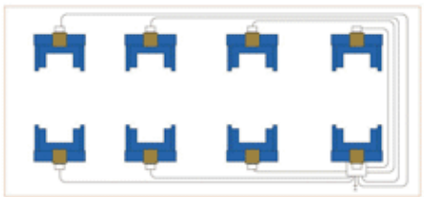




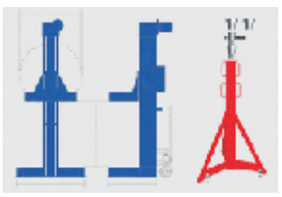
20t or 30t



30t or 35t



40 or 60t



Front Side Secondary stand

Specification								
Model	Single Stand Lifting Weight	Lifting Height	Lifting Speed	Motor Power	Working Voltage	Control Voltage	L x W x H	Single Post Weight
	ton	mm	m/min	kw	v	v	mm	kg
CM20	5	1500	0.6	3	380	24	1120x1100x2600	580
Cm30	7.5	1500	0.6	3	380	24	1140x1100x2600	800

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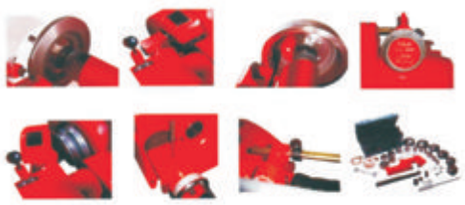
Brake Lathe C9350, C9370

33.000,- / 35.775,-

Feature

- Quickly, accurately and efficiently to cutting rotor
- Fast and slow setting allow cutting rotor
- Quickly, accurately and efficiently to cutting drum
- Finitely adjustably setting allow cutting drum
- Three kinds of speed to choice for spindle speed
- Fully equipped adapter package
- A convenient design allows to quickly change from rotor to drum
- Position of stop make the lathe stop automatic after the cutting



Specification

Model	C9350	C9370
Spindle Travel	175mm	251mm
Spindle Speed	70,80,118rpm	70,80,118rpm
Spindle Feed Speed	Min 0.05mm/rev	Min 0.05mm/rev
	Max 0.5mm/rev	Max 0.5mm/rev
Cross Feed Speed	Min 0.05mm/rev	Min 0.05mm/rev
	Max 0.025mm/rev	Max 0.025mm/rev
Hand Wheel Graduations	0.05mm	0.05mm
Rotor Diameter	180-351mm	180-457mm
Rotor Thickness	48mm	102mm
Drum Diameter	152-711mm	152-711mm
Drum Depth	175mm	251mm
Motor	1PH 220V AC 50/60HZ	1PH 220V AC 50/60HZ
Gross Weight	290kg	400kg
Dimension	970x 920x 1140mm	1200x 920x 1140mm

Ind samlet 52 sider A4.indd 23 02/09/13 07.10

Brake Lathe	C9372

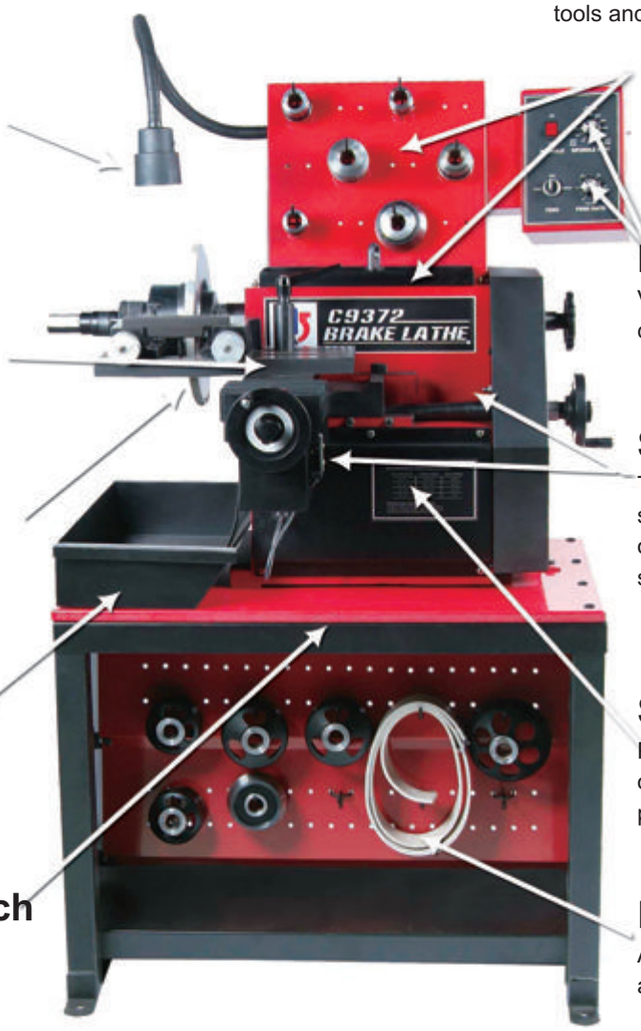
39.500,-

The Fastest Brake Lathe In World
Only One-minute Brake Lathe

NEW

Simple Convenience
A tool tray and top board mean you can easy to take tools and adapters

Work lamp
A work lamp can keep your work piece lighted even in dark area



High Efficiency
A convenient design allows to quickly change from rotor to drum

Infinitely Speed
Variable spindle speed and cross feed speed provide a perfect finish

Perfect Finish
The perfect finish meets or exceeds all OEM specifications

Stop Switch
Two automatic shut-off switches make the motor of rotor and drum automatic stop after finishing

Safe Work Area
A chip bin can keep your work area clean and safe

Single Pass
Positive rate tooling for optimum finish with a single pass

Heavy Work Bench
The heavy work bench can reduce vibration and chatter e nsure the smooth finish

Low Tool Board
A low board can put all adapters which you need

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Ind samlet 52 sider A4.indd 24 02/09/13 07.10

Brake Lathe	C9372

Specification

Rotor Diameter	4"-24"(102mm-610mm)
Maximum Rotor thickness	2.85"(73mm)
Drum Diameter	6"-28"(152mm-711mm)
Drum Depth	9"(229mm)
Flywheel Diameter	6"-24"(152mm-610mm)
Spindle Weight Capacity(Standard I “Arbor)	150lbs(68kg)
Spindle Speed	70-320RPM
Feed rate Per Minute	0"-0.026"(0mm-0.66mm)
Motor	2.54"(64.5mm)
Shipping Weight	110V/220V 50/60Hz
Dimension	300Kg
	1130mm*720mm*750mm

Adapter

1#(26 PCS) Adapter Kit For 1/2Ton (option)

2#(28 PCS) Adapter Kit For 3/4Ton (option)

3#(23 PCS) Adapter Kit For 1Ton (standard)

Notes: standard adapter 3# only

NO	Deseription	Qty	1#	2#	3#
1	Double Taper Cone 1.34"*1.66"(34mm*42mm)	1	√	√	√
2	Double Taper Cone 1.36"*1.69"(35mm*43mm)	1	√	√	√
3	Double Taper Cone 1.72"*2.06"(44mm*52mm)	1	√	√	√
4	Double Taper Cone 2.06"*2.44"(52mm*62mm)	1	√	√	√
5	Double Taper Cone 2.45"*2.81"(62mm*71mm)	1	√	√	√
6	Spacer(5mm,10mm,20mm,25.4mm,50.8mm,50.8mm)	6	√	√	√
7	Open End Wrench 27mm-30mm	1	√	√	√
8	Special Wrench	1	√	√	√
9	Spring	1	√	√	√
10	Silencing Belt For Rotor And Drum	2	√	√	√
11	Double Taper Cone 2.84"*3.19"(72mm*81mm)	1		√	√
12	Double Taper Cone 3.19"*3.54"(81mm*90mm)	1		√	√
13	Chuck Adapter Set (5 PCS)	1			√
14	Clamp 4.57"(116mm)	2	√		
15	Clamp 3.7"(94mm)	2	√		
16	Clamp 5.75"(146mm)	2	√		
17	Taper Cone 2.91"*3.56"(74mm*90mm)	1	√		
18	Taper Cone 3.38"*4.05"(85.8mm*103mm)	1	√		
19	Taper Cone 1.62"*2.37"(41mm*60mm)	1	√		
20	Taper Cone 1.96"*3.43"(50mm*87mm)	1	√		
21	Hubless And Composite Rotor Adapter Set (10 PCS)	1		√	

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Air Compressor | Hw4012, 5512, 10012

Valve Plate

High quality Swedish Steel valve plates provide long life, reed-type valves designed to less resistance and larger outlet.

Cylinder Head

High density die-casting aluminum alloy cylinder head with enlarged air inlet patented design for superior heat dissipation provide extra 15℃ than traditional cylinder head design for the outlet temperature.

Cylinder

Wear-resisting cast iron with multi-finned cylinder designed to superior heat dissipation and longer life.

Piston / Piston Rings

High strengthen aluminum alloy piston ensure proper reciprocating balance; two compression rings and two oil control rings are applied for better oil carry-over, less air blow-by and higher efficiency.

Crankshaft

High-strength iron crankshaft installed with counterweights and precision bearings minimize the vibration and prolong compressor life.

Connecting Rod

High density forged aluminum or nodular cast iron connecting rods with bronze bushing on both ends and the inclined oil-splash dipper minimize reciprocating weight and provide long life.

Crankcase

Rugged cast iron crankcase designed to support crankshaft and bearings, installing with convenient oil level sight glass, pressure released breather and oil drain.

Fly Wheel

Precision balanced flywheel has been characterized by a special angle patented blades design for compressor cooling result in minimized outlet temperature and extended compressor service life.

Intake Filter

Patented cyclone inlet filter install a removable paper cartridge-type element ensure higher air intake and less noise.

Ind samlet 52 sider A4.indd 26 02/09/13 07.10

Air Compressor | HW 4012, 5512, 10012

5.950,- / 7.100,- / 6.825,-

2 Stage Air Compressor
Big Air Tank
High working Pressure
Professional Automotive

Model	Power		Cylinder	Speed	Air Delivery		Pressure		Tank
	HP	kw	mm	r/min	m³/min	cfm	bar	bar	L
Hw4012 (220 - 380v /50hz)	4	3	2x70 1x55	890	0.3	10.6	12.5	14.0	250
Hw5512 (220 -380v /50hz)	5.5	4	2x70 1x55	1050	0.45	16.0	12.5	14.0	350
Hw10012 (220 -380v /50hz)	10	7.5	2x100 1x80	940	0.80	28.3	12.5	1.40	550

Ind samlet 52 sider A4.indd 27 02/09/13 07.10

10/20 HP Air System

10HP, 20 HP Air System

Pris (kontakt os)

20 HP Air Supply System

Item	Description	Model
1	Screw type air compressor	EG15A
2	Air Tank	1000/13
3	Air filter	AM0216-1.2-V
4	Air dryer	RFKA-26T/12
5	Air filter	AM0216-1.2-A
6	Air filter	AM0216-1.2-B

10 HP Air Supply System

Item	Description	Model
1	Screw type air compressor	EG7A
2	Air Tank	1000/13
3	Air filter	AM0090-1.2-V
4	Air dryer	RFKA-17T/12
5	Air filter	AM0090-1.2-A
6	Air filter	AM00990-1.2-B

Air Tank

600/13, 1000/13

5.200,- / 6.750,-

Model	Tank (L)	Pressure (Bar)	Tempreture (°C)	Height (mm)	I. Diameter (mm)	Air Inlet Port	Air Outlet Port	Release Valve Port
600/13	600	13	150	1866	700	65	65	Rp1 1/2
1000/13	1000	13	150	2347	800	80	80	Rp1 1/2

Air Filter

Am0216, Am0090

675,- / 850,-

Model	Am0216 -1.2-V	Am0216 -1.2-A	Am0216 -1.2-B	Am0090 -1.2-V	Am0090 - 1.2-A	Am0090- 1.2-B
Air Delivery	3.6	3.6	3.6	1.5	1.5	1.5
Import Port	rp 1"	rp 1"	rp 1"	rp 3/4"	rp 3/4"	rp 3/4"
Filter	M036-V	M036-A	M036-B	M015-V	M015-A	M015-B

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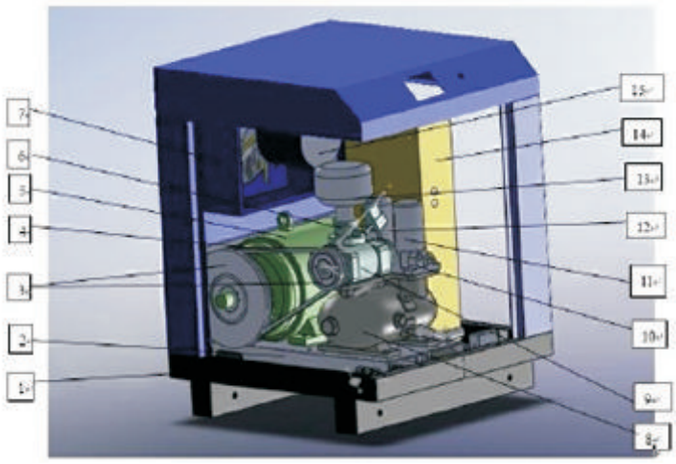
Screw Air Compressor — EG15A, EG7A

35.000,- / 27.000,-



1, Basement 2, Instal plate 3, Pully 4, Belt
5, Motor 6, Air inlet valve 7, Air inlet guide 8, Air/oil tank
9, Head 10, Combined valve 11, Oil filter 12, Oil filter
13, Air Filter 14, Electric control 15, Fan

Model	Power (hp)	Air Delivery (m3/min)	Pressure (bar)	Cool	Drive by	Size (mm)	Net Weight (kg)	Pipe outlet
EG15A	20	1.85	12	Air	Belt	860x860x1010	330	3/4"
EG7A	10	0.80	12	Air	Belt	680x760x890	210	3/4"

Air Dryer — RFKA-17T, RFKA-26T

11.050,- / 9.400,-

Model	Air Delivery (m3/min)	Air Cool Power (kw)	Total Power (kw)	Dimension (mm)	In & outlet port	Weigh (kg)
RFKA-17T/12	1.7	0.31	0.49kw	750x500x715	R1	70
RFKA-26T/12	2.6	0.47	0.65	750X500X810	R1 1/4	80

Ind samlet 52 sider A4.indd 29 02/09/13 07.10

Nitrogen Generater	HN 6280

5.400,-

For passenger car & light truck
Make drive safety

With Vacuum Function

Specification	
Model	HN 6280
Power	220V/50HZ
Nitrogen Generated	Carbon Molecular Sieve
Nitrogen Purity	95-99%
Air Inlet Pressure	9-10 kg
Nitrogen Outlet Pressure	6-8 kg
O2 Outlet Capacity	35-55 L/min
Built In Gas Tank	50 L
Air Hose Length	10 m
Nitrogen Hose Length	10 m

Tire Inflator	101B

1.800,-

LED Display
Full Automatic Inflator

Specification	
Model	101B
Power supply	220v/50hz
Air inlet pressure	2-8kg/cm2
Air inflation pressure	1-7kg/cm2
Pressure precision	0-1kg/cm2
Inflation speed	250L/min
Air hose length	10m

Ind samlet 52 sider A4.indd 30 02/09/13 07.10

Injector Tester & Cleaner N6A

3.600,-

Great Tool for Injector

LED display, manual drained fluid

Suitable injector:

Suitable for top-feed injector, Side-feed injector, Mechanical injector, Hight/Low resistance injector……

Feature

- Ultrasonic cleaning: clean and remove the carbide and dirty substance from the injector
- Injector test: simulate engine running condition, test injector in different speed range
- Check and test injector's injection situation: atomization, spraying angle, spraying amount, spraying uniformity
- Leakage and block test
- Optional function :Non-dismantle cleaning

SPECIFICATION	
Power	AC220V/50Hz
System pressure	0–0. 5Mpa
Speed range	0-7500Rpm
Injection count	0-9999
Pulse width	0-2ms
Tank capacity	2200ml
Cylinder capacity	100ml
Cylinder accuracy	2ml
Ultrasonic power	70w
Cylinder accuracy	2ml
Ultrasonic power	70w
Ultrasonic frequency	28.5hz
Packing size	580x540x500
Net weight	15.3kg
Gross weight	17.6kg

Transmission Fluid Exchanger Gd322

4.100,-

Remove, clean and replace transmission fluid (ATF) from most models of automatic transmissions. help restoring gearbox,s performance, reducing vibration and oil consumption.

Free of disassemble, time efficient and easy operation.

Fitting include:
Pressure fill/return hose: (2pc)
Fluid collection bottles: (2pcs)
Assorted fitting/adapters: (24pcs)
Assorted hoses with clamps and o-ring: (8pcs)
Tool box: (1pc)

Model	Gd322
Power	220v/50hz 350w
Working pressure	80-120psi
Suit for	Gasoline/diesel
Dimension	650x520x1160mm
G.w.	60

Ind samlet 52 sider A4.indd 31 02/09/13 07.10

E85 Conversion Kits | E85V1 / V2

900,-

Cold Start

E85V1

Green fill

1.350,-

Highly Waterproof

E85V2

CE

Feature

- 1.Powerful: in the combustion process, ethanol and gasoline with the effect of Self oxygen supply, make the combustion much fully and uniform, the thermal efficiency improving, the power enhancement.
- 2.Economic: After installed this kit, it will save about 40% fuel cost (depending on local gasoline price) when using the ethanol compare to gasoline
- 3.Clean: E85 can remove the impurities in the fuel tank and fuel supply system effectively, clear the carbon in the spark plug, valve, piston and exhaust parts.
- 4.Environmental friendly: The exhaust emission fits the international standards,? and compared with gasoline and diesel, the CO, HC and HO in exhaust can be reduced by 30-50%, which helps to purify the air, reduce the pollution.
- 5.Good market: Products install fast, operate simply, good reliability, cheap cost, popularize easily.
- 6.Standard vehicle circuit design, highly waterproof and dustproof, highly temperature durable.
- 7.E85V2 with unique control panel design installed in the cab, can monitor the working condition and easy to select the fuel according to the fuel fill in the tank.E85V2 with unique control panel design installed in the cab, can monitor the working condition and easy to select the fuel according to the fuel fill in the tank.

Introduction

ACC ethanol conversion kit composes with conversion box, cables, connectors, control panel(for the E85V2 only). Enable to switch gasoline,E20 and E85, ensure the stability and reliability during the engine working, meet the original car's power and emissions standards.

Specification

Applicable fuel:	Petrol，E20，E85.
Voltage:	DC12V
working Temperature:	-40℃～120℃

EV1

EV6

DENSO

TOYOTA

HONDA

DELPHI

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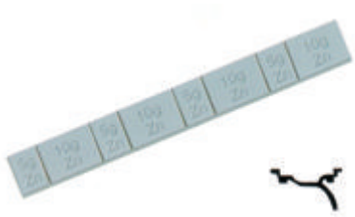
Ind samlet 52 sider A4.indd 32 02/09/13 07.10

Balance Weight H 4101

Pris (kontakt os)

Zn Adhesive weight



Model	H4101
Type	Zn Adhesive weight
Surface	Epoxy coating
Package	(5g+10g) x 4
LxWxH	segments155x18x3.8mm
Box Quantity	50 or 100 strips/box
Adhesive tape	Blue tape (standard) *--Norton, 3M or white tape for option.* *--The adhesive tape available in easy-peel.(The vinyl wider than adhesive)*

Balance Weight H 3101

Pris (kontakt os)

Zn clip-on weight for Steel rims

Model	Model: H3101
Type	Zn clip-on weight for Steel rims
Surface	Surface: Epoxy coating
Size in gram	Size in gram: 5g-60g
5g-30g	5g-30g: 100pcs/box
35g-60g	35g-60g: 50pcs/box

Balance Weight H 3102

Pris (kontakt os)

Zn clip-on weight for Steel rims

Model	H3102
Type	Zn clip-on weight for Steel rims
Surface	Epoxy coating
Size in gram	5g-60g
5g-30g	100pcs/box
35g-60g	50pcs/box

Balance Weight H 3105

Pris (kontakt os)

Zn clip-on weight for Alloy rims

Model	H3105
Type	Zn clip-on weight for Alloy rims
Surface	Epoxy coating
Size in gram	5-60g
5g-30g	100pcs/box
35g-60	50pcs/box

Ind samlet 52 sider A4.indd 33 02/09/13 07.10

2 Stage Vacuum Pump | 2F2CN / 2F4CN2

1.700,- / 2.150,-

2 Stage Vacuum Pump

2FY2CN

Model	2F2CN	2F4CN
Voltage	220v ~ /50hz	220v ~ /50hz
Flow rate	120 l/min	240 l/min
Ultimate vacuum	2x10-1Pa, 15micon	2x10-1Pa, 15micon
Power	370w	750w
Oil capacity	350ml	600ml
Dimensions	335x138x255mm	395x145x260mm
Inlet port	7/16"-20&5/8"-18UNF	7/16"-20&5/8"-18UNF

Integrated Tool Kit | VTB-5B

1.125,-

VTB-5B

Description	Parts	Qty
Flareing tool	VFT-808-I	1 set
Tube cutter	VTC-28B	1 Pcs
Tube cutter	ETC-19	1 Pcs
Manifold gauge	VMG-2-R410A	1 Set
Scraper	VTT-5	1 Pcs
PVC box		1 Pcs

Manifold Gauge | VMG-2-R134a

675,-

VMG-2-R134A

Model	VMG-2-R134a
Refrigerants	R22,R134a,R404a,R407c
Scale	-30~400 psi -30~140 psi
Manifold fittings	1/4"-1/4"-1/4"
Charging hose	1/4"-1/4"-1/4" 3pcs red & yellow & blue 60"(150cm)

Ind samlet 52 sider A4.indd 34 02/09/13 07.10

Air Condition Service | AC-100

14.625,-

3R function
Full Automatic Function

Specification

Compressor Power: 350w.
Vacuum Pump Speed: 90l/min
Weight Scale Capacity for Refrigerant: 35kg
Weight Scale Capacity for Oil: 2kg
Weight Scale Accuracy for Refrigerant: 1000g±10g
Weight Scale Accuracy for Oil: ±2g
Recovering Speed: 120g - 150g/min
Recharging Speed: 800g/min
Tack Capacity: 12l
Length of External Hose: 3.0m
Weight: 75kg
Dimension: 720x650x1170mm

Feature

- Recovery, Recycle, Recharging, leakage test.
- Full automatic: it can perform all procedure automatically.

Working Envirement

- Power Supply: AC 220V ± 10%.
- Frequency: 50/60 hz.
- Temperature: -10°C to + 40°C.
- Humidity: ⩽ 85%
- External Magnetic field Strength:

Ind samlet 52 sider A4.indd 35 02/09/13 07.10

Booster | FY 1000, 1400

2.150,- / 2.925,-

Model: FY-1400

Model: FY-1000

Professional & Hi-quality battery charger & Booster for garage.

Specification		
Model	FY-1400	FY-1000
Input Voltage	220v/50hz	220v/50hz
Power	1.4/11kva	1/16kva
Charging Voltage	12/24v	12/24v
Effective charging current (continuous)	11. 17. 24.31. 38 50A	8.15.20.26. 33.42A
Charging positions	6	6
Max. staring current	1250A	500A
Reference capacitor Nominal capacitor	35/800 Ah	35/500Ah
Dimension	440x340x830mm	440x340x830mm
Weight	37kg	36kg
Power cord length	3.0m	3.0m
Charging cable length	3.0m+3.0m	3.0m+3.0m

Feature

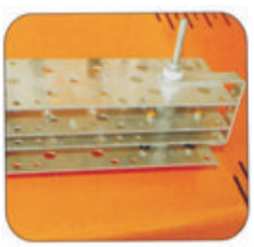
- ▶ Voltage & current output auto-detect to provide stable charge
- ▶ Equipped with voltmeter & ammeter
- ▶ Protected against shorts and overloads
- ▶ Charging more than one battery at the same time
- ▶ Jump-starting, fast and slow charging for 12v/24v battery

- ▶ Advanced technology, easy operation
- ▶ High-precision timer
- ▶ Reliable transformer with HUA curved silicon steel, 100% of copper windings.
- ▶ With Delixi Omron and Panasonic relay

Independent 12v and 24v terminal ensures a safety and reliable connection

High power transformer can make the engine start rapidly and smoothly

Panel features include charge rate ammeter & voltmeter



Multi-bridge rectifier with overloads protection function

Ind samlet 52 sider A4.indd 36 02/09/13 07.10

Battery Analyzer IBA-500

562,50

Feature

- Works on all types of 12V 100~999CCA lead-acid batteries (Wet, MF, Gel and AGM) and lead-calcium batteries.
- Test standard: SAE, DIN, EN, IEC.
- Low power consumption.
- Intellective analyze the cranking batteries, voltage, cca, resistance.
- Reverse polarity protection.

Consumption Power	0.08W max.
Input Voltage	9-18VDC
Test standard	SAE, DIN, EN, IEC
Battery Size Range	100-999CCA
Battery constructions supported	12V lead-acid batteries (Wet, MF, Gel and AGM) and lead-calcium batteries
Battery types supported	Cranking battery
Voltage precision	0.01V
Current precision	1CCA
Resistance precision	0.01mΩ
Operating Temperature	- 10℃ ~ 50℃
Battery connection	Clamp
Water resistance	IPX-3
Cord Dimensions	1000mm
Frame Dimensions	122(L) x 80 (W) x 30(H) mm

Battery Tester SC-100

1.125,-

SC-100 Digital Battery Tester

Functions:

- Can quickly and accurately test performance indicators of the battery, such as internal resistance, cold starting current.
- Built-in multi-standard, can easily measure different types of batteries
- Detect real-time status of voltage changes when the car starts
- Monitor working status of charging system
- Test discharged battery, and make sure the battery if charge needed

Applications:

1. 12V car start battery
2. 12V charge system
3. Can detect the following Standard Battery
   - 100-1700CCA
   - 100-1000DIN
   - 100-1000IEC
   - 100-1700EN
   - JIS-JP

Technique parameter:

Power supply: supplied by the battery tested
Voltage Range: 9-18V
Display: LCD Screen
Work temperature: -18°C to 50°C
Cool start Current: 100CCA or above

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Lubrication Oil Filler 2324R

1.350,-

Lubricating Oil Filler
Pneumatic

Specification	
Air Pressure	1-3 kg/cm2
Rated Pressure	4 kg/cm2
Tank	24 L
Media	Lubricating oil, gear oil
Weight	12.5kg

Pneumatic Waste Oil Extractor HC-2297

2.475,-

Technical Specification	
Product Name	2-in-1 Pneumatic Oil Drainer and Extractor
Tank Capacity:	80L
Measuring cup Capacity	≈15L
Tray Capacity:	≈20
Air Inlet Pressure:	08~10bar
Air Pressure for Oil Discharge:	1~2bar
Vacuum Degree:	0~-0.1mpa
Oil Temperature Range:	40~60℃
Dimension:	554*452*1435MM

Brake Fluid Exchanger Pneumatic GS-452

1.845,-

Specification	
Model No.:	GS-452
Product Name	Brake Fluid Exchanger Pneumatic
Power:	Air Compressor
Reserve Tank Max Pressure:	10Bar/143PSI
Working Pressure:	0.7~3Bar/10~40PSI
Safety Valve Pressure:	3Bar/40PSI
Tank Capacity:	10Liter(2.64Gallon)
Delivery Hose Length:	5M

Ind samlet 52 sider A4.indd 38 02/09/13 07.10

Jack Stand — T42001, 43001, 42002, 43002

225,- / 300,-

T42001 T43001 T42002 T43002

Model	T42001	T43001	T42002	T43002
Capacity	2Ton	3Ton	2Ton	3Ton
Min.Height	278mm	288mm	275mm	285mm
Max. Height	420mm	425mm	420mm	425mm
Package Size	210x195x355mm	225x205x360mm	195x180z350mm	210x190x360mm
Gross Weight	6.2kg/2pcs	7.8kg/2pcs	5.5kg/2pcs	6.9kg/2pcs
Net Weight	5.5kg/2pcs	7.0kg/2pcs	4.9kg/2pcs	6.4kg/2pcs

Spring Compressor — TL-1500-3

1.025,-

Mannaul Spring Compressor

Model	TL-1500-3
Max. spring force	2200lbs
Compression spring diameter	200mm
Compression Length	200-500mm
Net Weight	30 kg
Dimension	840x350x190mm

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Transmission Jack 0101C

2.025,-

Feature

- Rated Load: 0.5T
- Min.Height: 855mm
- Max.Height:1760mm
- G.W.:64kg
- N.W.:55kg
- Overall Dim:780x680x960mm
- Package Size:520x320x790mm
- Qty In 20' Container:230PCS

Engine Support T5001

675,-

Model	T5001
Capacity	0.5ton
Adjusting Range	150mm
Crossbeam Length	1500mm
N,W./G.W.	22/24kg
Package Size	1540x150x110mm

Engine Crane EC 2002

2.400,-

Engine Crane 2 Ton

Professional

Model	T2002
Capacity	2 ton
lifting Range	25-2300mm
length	1800mm
Width	1040mm
Height	1568mm
Package Size	880x610x90mm 1540x320x170mm
N.W./G.W.	29kg/33kg 74kg/78kg

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Low Profile Jack T84004B

1.475,-

Low Profile 4 Ton Jack

Model	T84004B
Capacity	4Ton
Min.Height	100mm
Max. Height	508mm
Package Size	745x349x180mm
Gross Weight	48.5kg
Net Weight	46.5kg

Long Floor Jack T50001

3.125,-

Hydraulic Long Floor Jack (Heavy Duty)

Model	T50001
Capacity	5Ton
Min.Height	150mm
Max. Height	560mm
Package Size	1570x420x340mm
Gross Weight	101kg
Net Weight	87kg

Garage Jack 3 Ton 3018D

1.025,-

Professional Auto Garage Jack

- Low Profile
- Adjustable saddle
- Patented design

Specification

- Capacity: 3 T
- Minimum Height: 86mm
- Max.Height: 455mm
- G.W.: 37kg
- N.W.: 35kg
- Dim: 640x342x174mm

Ind samlet 52 sider A4.indd 41 02/09/13 07.10

Parts Washer T4001 - 40

1.575,-

Model	T4001-40
N.W./G.W.	42kg/45kg
Package Size	114x550x330mm

Tear Down Table T 1002

2.700,-

Tear-down table serves as a combination tear down table, work bench,and tool storage facility

48"x23" table top features rim to contain all liquids when working on engines, hydraulic system and transmissions. Fluid drains into a special removable polyethylene container. Includes heavy duty 4" caster(2 rigid and 2 locking swivel), tool storage drawer onsteel ball bearing track.

Ind samlet 52 sider A4.indd 42 02/09/13 07.10

Tool Cabinet T 325C

1.800,-

Model	T325C
Overall	855x525x855mm
Overall With Casters	855x525x1050mm
Top Tray Area	760x485x125mm
Bottom Tray Area	760x485x90mm
Package	845x575x435mm
2 Drawers	625x450x80mm
Net Weight	45kg
Gross Weight	48kg
Load Capacitiy	250kg

Tool Cabinet T 327

2.250,-

Model	T327
Overall	763x488x885mm
Overall With Casters	763x488x1050mm
Top Tray Area	760x485x125mm
Bottom Tray Area	760x485x345mm
Package	860x590x645mm
2 Small Drawers	450x295x61.5mm
1 High Drawer	450x295x127mm
1 Middle Drawer	625x450x80mm
1 Large Drawer	625x450x127mm
Net Weight	70.5kg
Gross Weight	77.5kg
Load Capacity	320kg

Tool Trolley G207

2.375,-

Specifiation

- 7 Draw
- Loading capacity: 120 kg
- Loading capacity of drawer: 40 kg
- Dim: L760xW430x900mm
- Material with 1.0mm thickness cold roll steel
- Length Of Crane:1550mm
- Net Weight: 50kg

Ind samlet 52 sider A4.indd 43 02/09/13 07.10

Tool Cabinet T9007 — 2.825,-

High Quality Tool Cabinet
(without hand tool)

	W x D x H
Overall with caster	724x470x1032mm
2 drawers	570x410x54mm
4 drawers	570x410x112mm
1 drawer	570x410x170mm
N.W. (empty)	70.5kg
G.W. (empty)	76kg
Package	807x546x1050mm

Tool Cabinet T9007B — 6.750,-

High Quality Tool Cabinet
(with hand tool)

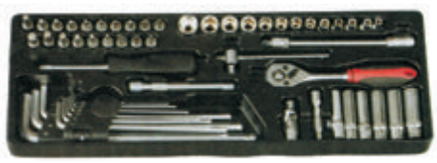
	W x D x H
Overall with caster	724x470x1032mm
2 drawers	570x410x54mm
4 drawers	570x410x112mm
1 drawer	570x410x170mm
N.W. (empty)	70.5kg
G.W. (empty)	76kg
Package	807x546x1050mm

T0983B

7pcs Twist drill set
3..5,4,5,5.5,6.5,8,9.5mm
5pcs Wood working drill set
4,5,6,8,9mm
5pcs Masonry drill set
4,5,6,8,10mm
6pcs Wood flat bit
10,13,16,19,22,25mm
3pcs Hole saw 1.7",2",2.25"
1pc Central spindle 3/8"
10pcs1/4" Dr.25L bits (CRV)
Sloted: 4,5.5,6.5, Phillips:#1 #2 #3, Pozi:#1 #2,Torx:T10-15

T0685B

13pcs 1/4" Dr socket (CRV), metric
4,4.5,5,5.5,6,7,8,9,10,11,12,12,14mm
6pcs 1/4" Dr deep sockets(CRV)
6,7,8,9,10,11mm
1pc 1/4" Dr Universal joint(CRV)
1pc 1/4" Dr Reversible Tatchet handle(CRV)
9pcs Hex key wrench with ballpoint(suit of nine unit)(CRV)
1.5,2,2.5,3,4,5,6,8,10mm
1pc 1/4" Dr siliding T-bar(CRV)
2pcs 1/4"Dr extension bar(CRV) 2",4"
1pc 1/4" Dr spinner handle (CRV)
19pcs 1/4" screwdriver bits, Slotted:SL4,SL5.5,SL7mm
Phillips: ph1,ph2,phe,hex 3,4,5,6,8mm
Torx: T-8,T-10,T-15,T20,T25,T27,T30,T40
1pc 6" soft extension bar(CRV)



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Tool Cabinet T9007B

T0683B

9pcs Adjustable socket wrench(CRV)
8*9,10*11,12*13,14*15,16*17,19*19

T0684B

1pc ½" Dr universal joint (CRV)
1pc ½" Dr reversible ratchet handle(CRV)
1pc ½" Dr sliding T-bar(VRC)
2pcs ½" Dr extension bar(CRV)

T0681B

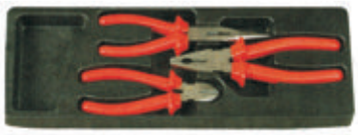
19pcs ½" Dr sockets, metric(CRV)
8,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,30,32mm
2pcs ½" Spark plug socket(CRV): 2 pcs, 16,21mm

T0789B

9pcs Chisels(CRV)
1pc Hammer with hickory handle

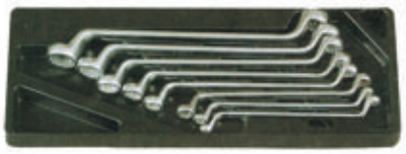
T0780B

1pc European long nose plier 8"(CRV)
1pc European combination plier 8"(CRV)
1pc European diagonal cutting plier 6"(CRV)



T0785B

8pcs Ring spanner(CRV)
6*7,8*9,10*11,12*13,14*15,16*17,18*19,20*22mm

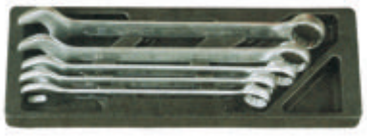


T0782B

1pc 8" Adjustable wrench(45#)
1pc WR Lock-Grip pliers 10"(CRV)
1pc 10" Water pump plier with 2 component handle

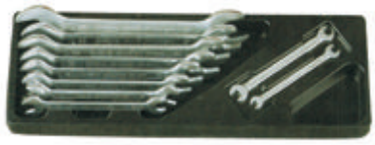
T0981B

5pcs Combination wrench(CRV): 23,24,26,28,30mm



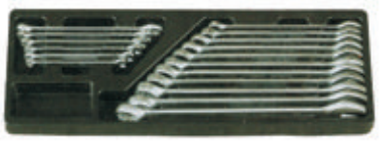
T0786B

10pcs Double open end wrench(CRV)
6*7,8*9,10*11,12*13,14*15,16*17,18*19,20*22,
21*23,24*26mm



T0787B

17pcs Combination wrench(CRV)
6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22mm



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Tool Cabinet T3007B

6.750,-

	W x D x H
Overall	688x458x735mm
Overall with caster	688x458x885mm
2 Drawers	589x409x480mm
2 Drawers	589x409x745mm
2 Drawers	589x409x100mm
1 Drawer	589x409x153mm
N.W./G.W.	71kg/76kg
Package	770x530x845mm

Heavy duty rubber wheel (5"x2") with brake

Ball bearing slide

T0783

Chisels

T0789

Black inelastic rubber hammer, Machinist hammer hickory handle(300kg), chisel, 3 pcs

T0788

Single polished type double offset ring spanner(CRV):
6*&,8*9,10*11,12*13,14*15,16*17,18*21,29*22

T0981

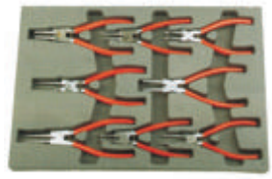
Single polished type combination wrench,5pcs: 23,24,26,28,30

T0787

Single polished type combination wrench(CRV)
6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22mm

T06810

8pcs tool sets
external snap, ring plier, bent nose



T0785

Single general type double offset ring spanner(CRV)
6*7,8*9,10*11,12*13,14*15,16*17,18*19,20*22

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Tool Cabinet T3007B

T0781

European long nose plier 8"(CRV)
European combination plier 8"(CRV)
European diagonal cutting plier 6"(CRV)

T0681

½ Shallow hand sockets(CRV)
8,9,10,11,12,13,14,16,17,18,19,20,21,22,24,25,27,
28,29,30,32

T0684I

½ reversible ratchet handle(CRV)
½ sliding T-bar + ½ universal joint
½ socket adapter 10', 5 '

T00683

Flex socket wrench(CRV)
8*9,10*11,12*13,14*15,16*17,18*19

T0585

L-type wrench special type(CRV)
8,10,11,13,16,17,18,19

T0782

1) WR locking grip plier 10'(45)
2) A6 water pump plier 10'(CRV)

T0682

1) 3/8 reversible ratchet handle(CRV) 2) 3/8 sliding T-bar 3) 3/8 socket adapter 3',5'(CRV) 4) 3/8 universal join, 3/8 shallow hand socket(CRV) 8-24mm(17pcs) 5) Spark plug socket(CRV) 13/16,5/8

Pressure Lock

Single polished type double open end wrench(CRV)
6*7,8*9,10*11,12*13,14*15,16*17,18*19,20*22,21*23,24*26

T0784

Brake oil pipe alligator wrench(CRV)
8*10,11*13,12*14,16*18,17*19,19*22,24*27,30*32

3pcs tool set
Adjustable wrench with plastic handle: 6',8',10'

T0787

Single polished type combination wrench(CRV)
6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22mm

T0685

1) 1/4 spinner handle 2) 1/4 ratchet handle(CRV) 3) 1/4 Sliding T-bar 4) universal joint 5)1/4 deep socket 6,7,8,9,10,11,12,13mm(CRV) 6) 1/4 SAE socket(45#) 1/2,7/16,15/32,13/32,3/8,11/32,1/4,3/16,5/32 7)Allen wrench set(suit of nine)1.5,2,2.5,3,4,5,6,8,10 8)1/4 socket adapter2",3"4",6" 9)1/4metric (CRV) 4,4.5,5,5.5,6,7,8,9,10,11,12,13,14mm 10)1/4 apater(45#)

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Spray Booth	8200

153.750,-

LGP Option
High Quality
Environment Protection
Energy Saving

Outside Size:(mm)	Inside Size:(mm)	Front Door:(mm)	Total Power:(kw)
7000x5560x3430	6900x4000x2800	3000 (W) x2700 (H)	10

Cabin System	1.Wallboard	EPS colorful steel skin panel, 50mm thick, tongue & groove style, compound construction. anti-flame and heat-insulation, galvanized steel roof panel				
	2.Basement	galvanized steel sheet and square steel pipe assembling, grid & embossed plate floor, three embossed steel ramps				
Circulation System	Inlet Fan	Model:	YDW 4.5L1	Outlet Fan	Model:	YDW 5.6S
		Capacity:	24000m^3/h		Capacity:	15000m^3/h
		Pressure:	815Pa		Pressure:	810Pa
		Velocity:	900rpm		Velocity:	900rpm
		Power:	4kw		Power:	5.5kw
		Quantity:	2 sets		Quantity:	1set
	air volume: 24000m ^{3}/h; air speed: 0.35m/s					
Purification System	dual filtering structure, the primary filter can capture granules larger than 10μm. ceiling filter capture granules larger than 4μm. Its filtering rate reaches 98%. air pressure balance gauge, TSP≤1.4mg/m^3					
Heating System	Italy Riello G20 diesel burner, 180000Kcal/h, 20N damper motor					
	SUS304 stainless steel heat exchanger, argon arc welding,					
	max temp:80℃, heating time: 4-6min(20-60℃), fuel consumption: 4-5kg/vehicle					
Lighting System	ceiling light: 24 pcs 36w Philips lamp; bottom light: 16 pcs 36w Philips lamp					
Controlling System	Spray & baking switch, light switch, emergency stop, breakdown alarm.					

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Spray Booth 8200

ESP Panel

is made up of the EPS colorful steel boards which are one-time compound-formed,anti-flame and heat-containing manufactured by Australian equipment and technology. They boast of excellent heat preservation,low diathermancy,lightweight,sharp color technologies of intersection seal-up as 20 years.The advanced technologies of intersection seal-up enable the whole Room structure well-insulated against any heat leakage and dust infiltration.

Control Box

is made up of the selected electronic apparatuses of domestic and foreign best brands as all operational and controlling components which are of supreme quality. The system, thanks to its deliberate design, runs reliably and smoothly for convenient and precise operation.Each handling state can be exactly preset while the process controlling devices are capable to the Room and drying time. It is more sophisticated that the automatic constant-temperature paint spraying and baking are realized in the real situations of various environmental temperature and the whole process can be satisfactorily completed at presetting only once.

Air Valve

Switzerland-made BLLMO Automatic Air VaLve is at vertical position in spraying while it automatically turns on the 90 position in baking, producing internal circulation for longtime heat preservation and less consumption of diesel and power.

Lighting

it includes a right and left single control switches. To keep zero shadow when paint, Philip lamps and professionally designed electronic ballast specialized for spray booths are used. The lighting reaches 800 Lux.

Inlet & Outlet Fan

Centrifugal Outer-rotor F-category Insulated Ventilator produced by Siemans technology which features low-noise and large airflow velocity sustained around 0.3m/s in the operational area,with not only ensures the paint-coat to form as required but also improves the paint consumption efficiency. Meanwhile it meets the demand for satisfactorily clean air for the good of operator`s health in the area.The positive internal air-pressure effectively prevents the dust without from going into the area so that the quality of paint spraying is thus guaranteed.

Heat Exchanger

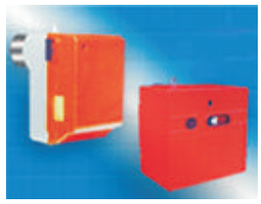
heats up the fresh air from 20 C to 60 C in only 5-6 minutes by circulative heating, which saves energy and makes air highly heated and evenly distributed in unit cubage to guarantee the equal temperature level everywhere within the Room. Besides it features Electronic Implementer of far-enhanced reliability free of the problems of vulnerability to faults that Pneumatic and absorption system are installed and applied,enabling the waste volume qualified for the china`s National Criteria

Air Filter

is designed by advanced international technology. The Italy-made Filtering Cotton. the core part, can evenly filtered and cleaned the air in the Room and even sustain the best airflow speed and pressure in the working area during operation. It also provides the sprayers with as clean working environment as possible,satisfying at maximum the requirement of sophisticated paint operation.

Burner (Italy made)

light-oil Burner enormously improving the energy efficiencyalso ensuring little environmental pollution. Its matching Heat Exchanger out of scientific design and production is made up of quality heatproof stainless steel boards by welding.It is characterized by large area for heat converting, efficient burning,high-performance heating with converting efficiency up to 85% and reliability.



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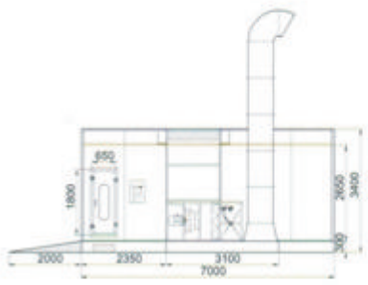
Spray Booth, Infrared	8200I

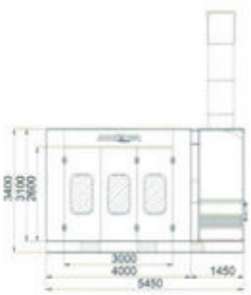
163.500,-

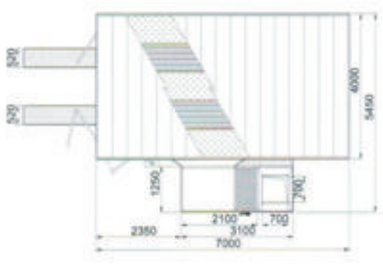
Infrared Heating

Outside Size:(mm)	Inside Size:(mm)	Front Door:(mm)	Total Power:(kw)
7000x4000x3400	6900x3900x2650	3000 (W) x2700 (H)	44.65

Cabin System	Wallboard	EPS colorful steel skin panel, 50mm thick, tongue & groove style, compound construction. anti-flame and heat-insulation, galvanized steel roof panel				
	Basement	galvanized steel sheet and square steel pipe assembling, grid & embossed plate floor, three embossed steel ramps				
Circulation System	Inlet Fan	Model:	YDW 4.5L1	Outlet Fan	Model:	YDW 5.6S
		Capacity:	24000m^3/h		Capacity:	15000m^3/h
		Pressure:	815Pa		Pressure:	810Pa
		Velocity:	900rpm		Velocity:	900rpm
		Power:	4kw		Power:	5.5kw
		Quantity:	2 sets		Quantity:	1set
	air volume: 24000m ^{3}/h; air speed: 0.35m/s					
Purification System	dual filtering structure, the primary filter can capture granules larger than 10μm. ceiling filter capture granules larger than 4μm. Its filtering rate reaches 98%. air pressure balance gauge, TSP≤1.4mg/m^3					
Heating System	10 units infrared curing lamps for heating, 3 lamps/unit, each lamp 1kw, total 30kw					
Lighting System	ceiling light: 8 unit x 4 pcs (36w) = 32 pcs x 36w with electronic ballast.					
Controlling System	Spray & baking switch, light switch, emergency stop, breakdown alarm.					







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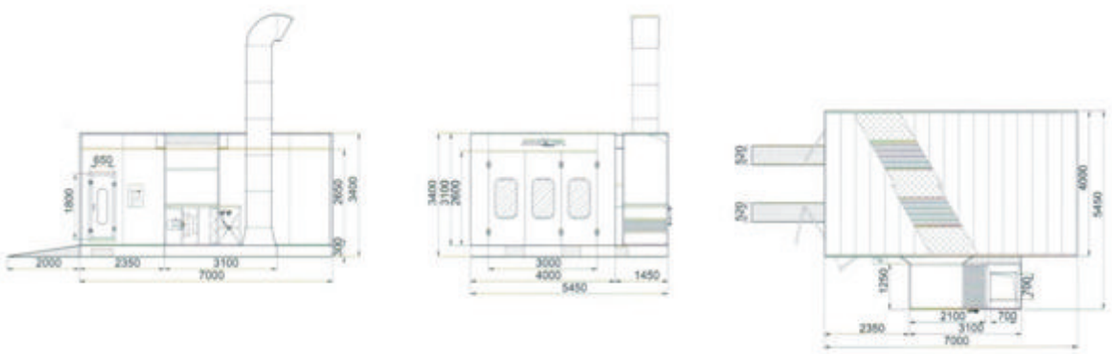
Spray Booth, Infrared, Waterbase	8200IW

206.250,-

Infrared Heating for Water Base Painting

Outside Size:(mm)	Inside Size:(mm)	Front Door:(mm)	Total Power:(kw)
7000x4000x3400	6900x3900x2650	3000 (W) x2700 (H)	44.65

Cabin System	Wallboard	EPS colorful steel skin panel, 50mm thick, tongue & groove style, compound construction. anti-flame and heat-insulation, galvanized steel roof panel				
	Basement	galvanized steel sheet and square steel pipe assembling, grid & embossed plate floor, three embossed steel ramps				
Circulation System	Inlet Fan	Model:	YDW 4.5L1	Outlet Fan	Model:	YDW 5.6S
		Capacity:	24000m^3/h		Capacity:	15000m^3/h
		Pressure:	815Pa		Pressure:	810Pa
		Velocity:	900rpm		Velocity:	900rpm
		Power:	4kw		Power:	5.5kw
		Quantity:	2 sets		Quantity:	1set
	air volume: 24000m ^{3}/h; air speed: 0.35m/s					
Purification System	dual filtering structure, the primary filter can capture granules larger than 10μm. ceiling filter capture granules larger than 4μm. Its filtering rate reaches 98%. air pressure balance gauge, TSP≤1.4mg/m^3					
Heating System	10 units infrared curing lamps for heating, 3 lamps/unit, each lamp 1kw, total 30kw					
Water Base System	36pcs ceiling nozzles with 2 centrifugal fans 2.2kw/set, 9000m^3/h) for drying water base paint. 2 corner dryer nozzles machine.					
Lighting System	ceiling light: 8 unit x 4 pcs (36w) = 32 pcs x 36w with electronic ballast.					
Controlling System	Spray & baking switch, light switch, emergency stop, breakdown alarm.					



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